
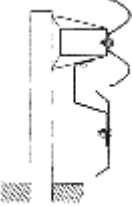



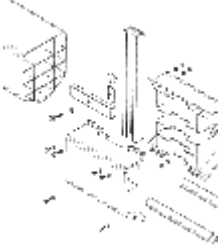


Motorcyclists & Crash Barriers Project Report

List & details of some motorcycle friendly devices identified

Motorcycle-friendly Roadside Barriers	Company Model	Costs (july 99)	Type	Details	Address & Contact details	
	Sec Envel Ecran Motard	Material 12 €/m Fitting 3 €/m	Adaptable to existing rail	Cheapest «secondary rail» approach	SEC Envel 18 rue Pasteur F-77250 Veneux les Sablons T: +33 160709393 F: +33 160709999	
	Sodirel Mototub	Material 21 €/m Fitting 2 €/m	Adaptable to existing rail	Made up of 70% recycled material	Sodirel Route d'Orange F-84100 Uchaux T: +33 490111600 F: +33 490516240	
	Solosar Motorail	Material 38 €/m Fitting 6 €/m	«All in one» solution	Integrated solution: Cost of metal barrier included (estimated cost of metal barrier without metal shield: 18,3 €/m)	Solosar 3 rue G.Schoettke ZI Parc d'activités du Grand Bois F-57200 Sarreguemines T: +33 387985604 F: +33 387955593	
	Sodilor Railplast	Material 23 €/m Fitting 4 €/m	Adaptable to existing rail	Joining the advantages of the «secondary rail» and the «impact protector»	Sodilor Rue du champ de Mars BP 40739 F- 57207 Sarreguemines cedex T: +33 387982588 F: +33 387984656	

**Motorcycle-friendly roadsides:
Post Protector**

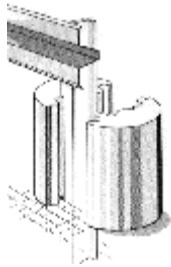
**Company
Model**

**Costs
(july 99)**

Description

*Recommendation
of use depends
on the profile of
crash barrier
post. Contact
Company directly
for best advice.*

Details



ADV
SPU

Material
10,5 €
Fitting ?

2 (½) shells

Adaptable to
existing rail

Firma ADV
Postfach 110067
D-63434 Hanau
T: +49 6181661748
F: +49 6181499276



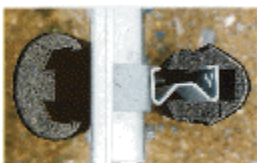
Salzer
Formtech
Rectangular
CBP

Material
4,6 €
Fitting ?

1 single ¾
shell

Adaptable to
existing rail

Salzer Formtech
Stattersdorferstrasse
50
A-3100 St Poelten
T: +43 2742290313
F: +43 2742290333



Volkman &
Rossbach
SPU Crash
Absorber

Material
nc
Fitting ?

2 (½) shells
clipping
together

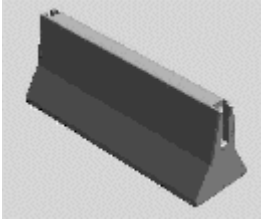


Adaptable to
existing rail

Volkman &
Rossbach
Hohe Strasse 11-19
D-56401 Montabaur
T: +49 26021350
F: +49 26021349

Posts are usually located every 2 meter or every 4 meter.

Motorcycle-friendly roadsides:

Alternative solutions for new installations

	Type	Costs	+	-	Remarks	Details
	Concrete Walls	38 €/m	<p>Lower maintenance costs</p> <p>Prevents truck crossover</p>	<p>No impact absorption property</p> <p>Not recommended in nordic countries</p>	<p>Motorcycle "friendliness" depends largely on the profile used «All in one» solution</p>	<p>Costs valid only for large quantities</p>
	Obstacle free roadsides	Variable	<p>Benefits all categories of road users</p> <p>Increases visibility at road junctions</p>		<p>Feasibility depends on road layout and location</p>	
	Shrub planted roadsides	Variable	<p>Benefits all categories of road users</p> <p>Can reduce glare on central reservation of motorway</p>	<p>Requires some leeway area where shrubs can grow</p>	<p>Complementary to the «obstacle free» roadside approach</p>	